

Partial  
Listing



US005991741A

**United States Patent** [19]

[11] **Patent Number:** **5,991,741**

**Speakman et al.**

[45] **Date of Patent:** **Nov. 23, 1999**

[54] **IN\$ITE: A FINANCE ANALYSIS MODEL FOR EDUCATION**

5,381,332 1/1995 Wood ..... 364/401  
5,390,113 2/1995 Sampson ..... 364/419.19  
5,799,286 8/1998 Morgan et al. .... 705/7

[75] **Inventors:** Sheree Teresa Speakman, Highland Park, Ill.; Jay Frank May, New Freedom, Pa.

#### OTHER PUBLICATIONS

News Release "HP and Pentamation Announce Information-Systems Software for K-12 Districts" No Author, Dec. 1990.

Greenfield, "Administrative Modules: Giving Education a Helping Hand" The Journal v. 20 n11 p. 12(4), Jun. 1993.

*Primary Examiner*—Melanie A. Kemper  
*Attorney, Agent, or Firm*—Jenkins & Gilchrist, A Professional Corporation

[73] **Assignee:** Fox River Holdings, L.L.C., Batavia, Ill.

[21] **Appl. No.:** 08/803,991

[22] **Filed:** Feb. 21, 1997

#### Related U.S. Application Data

[60] Provisional application No. 60/012,099, Feb. 22, 1996.

[51] **Int. Cl.<sup>6</sup>** ..... G06F 17/60

[52] **U.S. Cl.** ..... 705/30; 705/8

[58] **Field of Search** ..... 705/1, 7, 8, 30,  
705/35, 36; 707/7, 100, 104, 205, 563,  
504, 517; 434/107

#### [56] References Cited

##### U.S. PATENT DOCUMENTS

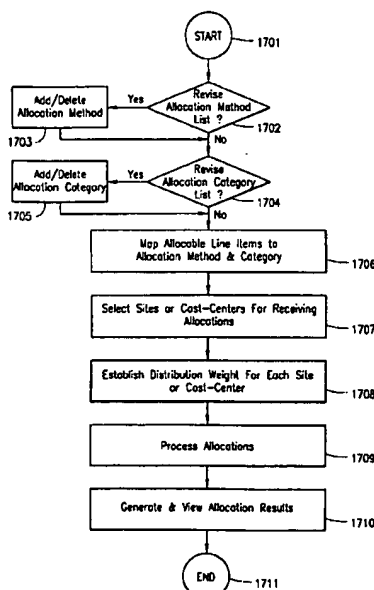
3,749,892	7/1973	Stenning	235/150.5
4,346,442	8/1982	Musmanno	364/408
4,462,767	7/1984	Lerner	364/406
4,648,038	3/1987	Roberts et al.	364/408
4,694,397	9/1987	Grant et al.	364/408
4,736,294	4/1988	Gill et al.	364/408
4,787,036	11/1988	Fleming	364/401
4,839,804	6/1989	Roberts et al.	364/408
4,953,085	8/1990	Atkins	364/408
5,056,019	10/1991	Schultz et al.	364/405
5,117,356	5/1992	Marks	364/406
5,132,899	7/1992	Fox	364/408
5,189,608	2/1993	Lyons et al.	364/408
5,191,522	3/1993	Bosco et al.	364/401
5,227,967	7/1993	Bailey	364/408
5,262,942	11/1993	Earle	364/408

#### [57] ABSTRACT

An advanced software package for cost accounting and analysis, management reporting, performance assessment and decision support tool is described. The IN\$ITE™ software package collects, organizes, manages and consolidates financial data and permits the standardized evaluation and comparison of different educational institutions. The software package implements the Finance Analysis Model For Education as a relational database for the efficient and cost-effective management of educational institutions.

Financial data is organized into three dimensions: Functions, Programs and Locations. IN\$ITE has five Functions which are subdivided into 15 Subfunctions and further divided into 32 Detail Functions, each of which provides greater clarity of fund use. The Program Dimension of IN\$ITE permits the identification and determination of the costs of various special programs within the school system. The Organizational (or Locational) Dimension of IN\$ITE comprises three levels: Expenses that are to be charged to the central location, to various school-sites, or to be retained as non-allocated expenses. IN\$ITE also permits reporting of decision-support data by school-site or cost-center.

**30 Claims, 50 Drawing Sheets**



US-PAT-NO: 5991741

DOCUMENT-IDENTIFIER: US 5991741 A

**\*\*See image for Certificate of Correction\*\***

TITLE: In\$ite: a finance analysis model for education

----- KWIC -----

Detailed Description Text - DETX (14):

IN\$ITE is designed to analyze 100% of an educational institution's general ledger expenditures. An educational institution can choose to analyze budgeted figures or actual spending, depending on the institution's accounting cycle. Since the IN\$ITE software can analyze either budgeted or actual expenditures, school management can use it to determine if a district is meeting budgeted targets. Thus in one aspect, the IN\$ITE software of the present invention acts as an **overlay** to a general ledger program.

Detailed Description Text - DETX (43):

IN\$ITE is an **overlay** program that "sits on top of" a general ledger package. In one aspect, IN\$ITE is a data mining tool that operates on a scrubbed version of the original input file. Using database management terminology, the original input file is the data warehouse. The data in the data warehouse is scrubbed for data mining using the mapping and the allocations engines of IN\$ITE. Thus, the system and method of the present invention creates a standard for converting financial data from a general ledger package into a standardized format that may be easily and safely analyzed by data mining tools, such as data blades.

Claims Text - CLTX (10):

4. The method of claim 1 for cost **accounting** and analysis, management reporting, performance assessment and decision support, wherein said software program acts as an **overlay** on said General Ledger system or similar financial application program.

Claims Text - CLTX (55):

19. The system of claim 16 for cost **accounting** and analysis, management

reporting, performance assessment and decision support, wherein said software program acts as an overlay on said General Ledger system or similar financial application program.